

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022719\
 Data File : VX007730.D
 Acq On : 27 Feb 2019 13:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/28/2019 12:35:27 PM

Quant Time: Feb 28 04:14:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	287145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	411779	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	379880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203515	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	165238	46.46	ug/l	0.00
Spiked Amount			Recovery	=	92.92%	
35) Dibromofluoromethane	5.50	113	131565	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	
50) Toluene-d8	8.71	98	500553	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	
62) 4-Bromofluorobenzene	11.13	95	184074	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	117216	44.313	ug/l	100
3) Chloromethane	1.33	50	130443	44.501	ug/l	100
4) Vinyl Chloride	1.41	62	131444	43.708	ug/l	99
5) Bromomethane	1.64	94	83832	44.072	ug/l	98
6) Chloroethane	1.72	64	85779	44.646	ug/l	99
7) Trichlorofluoromethane	1.93	101	188206	40.824	ug/l	100
8) Diethyl Ether	2.19	74	82766	43.744	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	114029	40.922	ug/l	98
10) Methyl Iodide	2.51	142	166916	48.107	ug/l	100
11) Tert butyl alcohol	3.07	59	160315	237.556	ug/l	98
12) 1,1-Dichloroethene	2.37	96	104754	41.706	ug/l	91
13) Acrolein	2.29	56	113650	189.517	ug/l	99
14) Allyl chloride	2.73	41	220539	47.487	ug/l	94
15) Acrylonitrile	3.15	53	397803	250.485	ug/l	99
16) Acetone	2.45	43	373022	235.833	ug/l	99
17) Carbon Disulfide	2.57	76	291412	41.703	ug/l	100
18) Methyl Acetate	2.78	43	179348	51.963	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	404663	46.265	ug/l	100
20) Methylene Chloride	2.86	84	125580	42.997	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	114277	41.851	ug/l	92
22) Diisopropyl ether	3.87	45	440412	45.554	ug/l	97
23) Vinyl Acetate	3.82	43	1987180	234.276	ug/l	96
24) 1,1-Dichloroethane	3.70	63	223164	42.473	ug/l	98
25) 2-Butanone	4.70	43	627830	260.579	ug/l	93
26) 2,2-Dichloropropane	4.59	77	169768	40.477	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	145899	41.992	ug/l	92
28) Bromochloromethane	5.01	49	121722	47.586	ug/l	85
29) Tetrahydrofuran	5.15	42	408144	256.986	ug/l	93
30) Chloroform	5.21	83	243382	43.243	ug/l	100
31) Cyclohexane	5.57	56	223058	45.131	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	201849	43.365	ug/l	97
36) 1,1-Dichloropropene	5.79	75	179062	48.368	ug/l	97
37) Ethyl Acetate	4.85	43	232683	56.581	ug/l	99
38) Carbon Tetrachloride	5.78	117	178330	47.954	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	226860	48.486	ug/l	93
40) Benzene	6.14	78	551949	48.298	ug/l	100
41) Methacrylonitrile	5.06	41	129425	58.939	ug/l	96
42) 1,2-Dichloroethane	6.20	62	204297	53.188	ug/l	100
43) Isopropyl Acetate	6.46	43	360422	56.946	ug/l	98
44) Trichloroethene	7.21	130	152402	48.478	ug/l	95
45) 1,2-Dichloropropane	7.51	63	149134	50.378	ug/l	100
46) Dibromomethane	7.66	93	98070	47.486	ug/l	99
47) Bromodichloromethane	7.90	83	184002	51.412	ug/l	99
48) Methyl methacrylate	7.77	41	194607	58.658	ug/l	91
49) 1,4-Dioxane	7.75	88	76477	1067.290	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1188908	280.628	ug/l	99
52) Toluene	8.78	92	349109	48.445	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	208467	47.029	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	225809	51.992	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	147863	49.204	ug/l	99
56) Ethyl methacrylate	9.18	69	230511	53.941	ug/l	94
57) 1,3-Dichloropropane	9.37	76	250132	51.998	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	643432	273.037	ug/l	97
59) 2-Hexanone	9.49	43	899657	270.483	ug/l	99
60) Dibromochloromethane	9.58	129	153984	53.253	ug/l	98
61) 1,2-Dibromoethane	9.67	107	157834	50.587	ug/l	99
64) Tetrachloroethene	9.34	164	159588	51.748	ug/l	98
65) Chlorobenzene	10.13	112	392310	47.749	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	146104	50.979	ug/l	99
67) Ethyl Benzene	10.25	91	665499	48.897	ug/l	99
68) m/p-Xylenes	10.36	106	517960	97.824	ug/l	96
69) o-Xylene	10.69	106	250064	49.100	ug/l	95
70) Styrene	10.71	104	419650	50.129	ug/l	99
71) Bromoform	10.85	173	122339	56.925	ug/l	99
73) Isopropylbenzene	11.02	105	671874	46.191	ug/l	100
74) N-amyl acetate	10.90	43	314028	49.716	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	220228	43.776	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	190221m	43.850	ug/l	
77) Bromobenzene	11.26	156	181612	49.780	ug/l	94
78) n-propylbenzene	11.36	91	763824	46.471	ug/l	98
79) 2-Chlorotoluene	11.42	91	449853	45.454	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	560970	46.886	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	67725	42.327	ug/l	97
82) 4-Chlorotoluene	11.51	91	527265	45.542	ug/l	98
83) tert-Butylbenzene	11.77	119	549855	47.865	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	574380	46.933	ug/l	98
85) sec-Butylbenzene	11.94	105	675890	46.953	ug/l	99
86) p-Isopropyltoluene	12.06	119	608737	48.287	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	321740	47.544	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	324263	46.787	ug/l	99
89) n-Butylbenzene	12.38	91	524943	46.691	ug/l	99
90) Hexachloroethane	12.60	117	98754	46.491	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	322364	47.609	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49900	45.523	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	234359	56.702	ug/l	100
94) Hexachlorobutadiene	13.78	225	120373	63.663	ug/l	99
95) Naphthalene	13.83	128	694095	51.834	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	233579	56.283	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

